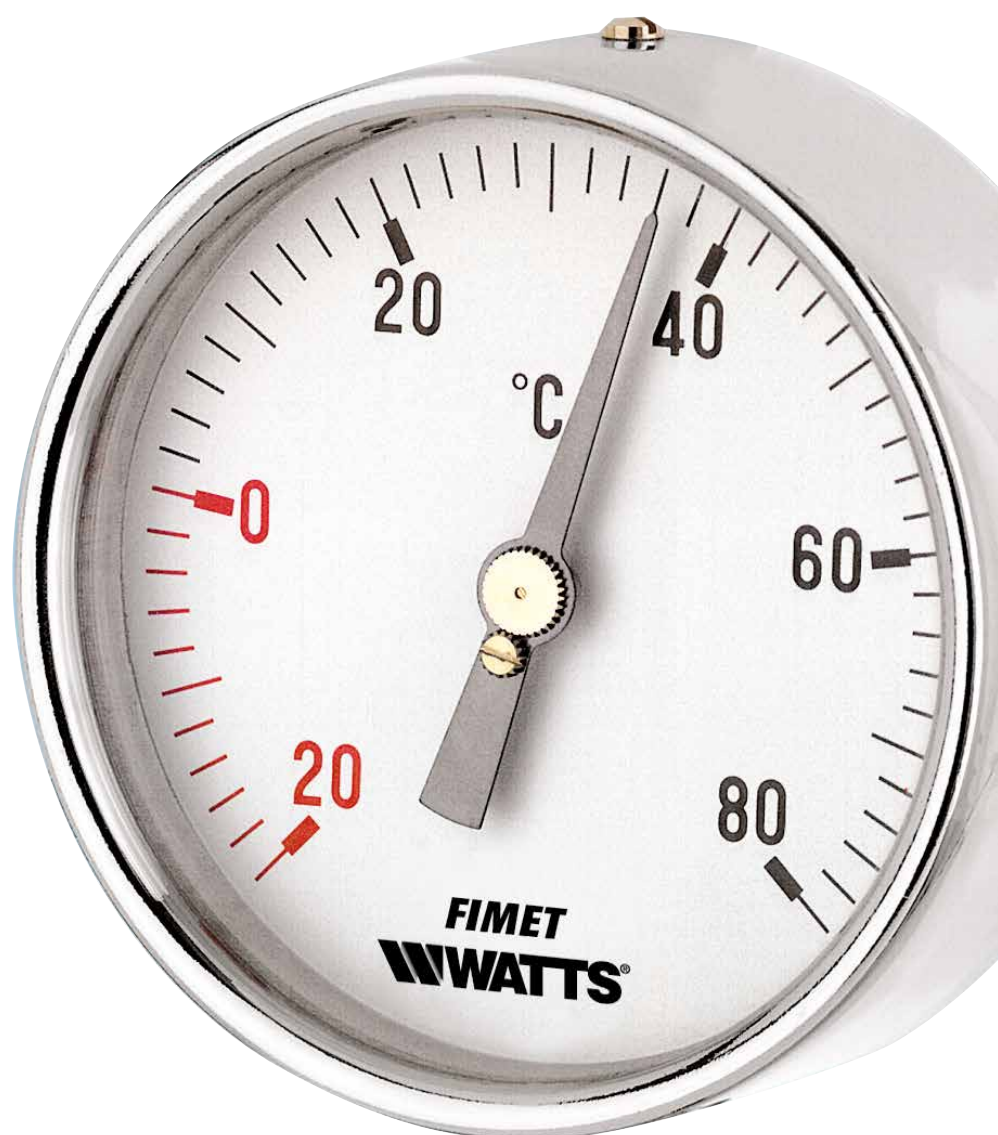


# TMP

Inert gas thermometers

## Technical Data Sheet



## Description

Back entry rigid stem Materials. For food and pharmaceutical industries.



### TMP-80

DN80 thermometers. The "S" dimension must be determined so that the sensitive part of the bulb is completely immersed in the process fluid.

Part No	Stem (mm)	Scale Range	Connec.	Options*	Box/ Master	Min. order
PZ499810	100	-30+50 °C			1/1	1
PZ49481002	100	-20+80 °C			1/1	1
PZ494410	100	0-60 °C			1/1	1
PZ494810	100	0-100 °C			1/1	1
PZ495010	100	0-120 °C			1/1	1
PZ49581002	100	0-200 °C			1/1	1
	100	0-250 °C			1/1	1
	100	0-300 °C			1/1	1
	100	0-400 °C			1/1	1
	100	0-600 °C			1/1	1



### TMP-100

DN100 thermometers. The "S" dimension must be determined so that the sensitive part of the bulb is completely immersed in the process fluid.

Part No	Stem (mm)	Scale Range	Connec.	Options*	Box/ Master	Min. order
PZ509810	100	-30+50 °C			1/1	1
PZ50481001	100	-20+80 °C			1/1	1
PZ504410	100	0-60 °C			1/1	1
PZ50481003	100	0-100 °C			1/1	1
PZ505010	100	0-120 °C			1/1	1
PZ505810	100	0-200 °C			1/1	1
	100	0-250 °C			1/1	1
	100	0-300 °C			1/1	1
PZ50641002	100	0-400 °C			1/1	1
	100	0-500 °C			1/1	1



### TMP-150

DN150 thermometers. The "S" dimension must be determined so that the sensitive part of the bulb is completely immersed in the process fluid.

Part No	Stem (mm)	Scale Range	Connec.	Options*	Box/ Master	Min. order
	100	-30+50 °C			1/1	1
	100	-20+80 °C			1/1	1
PZ514410	100	0-60 °C			1/1	1
PZ51481002	100	0-100 °C			1/1	1
	100	0-120 °C			1/1	1
PZ51581001	100	0-200 °C			1/1	1
	100	0-250 °C			1/1	1
	100	0-300 °C			1/1	1
PZ516410	100	0-400 °C			1/1	1
	100	0-500 °C			1/1	1

## Customizations per minimum order quantity

Customizations	Model
Stem length: for each extra 100 mm	TMP-80-100-150

## Electric contacts



### Options

1... = With 1st electric contact ...: NC = Contact opens - NA = Contact closes
2... = With 2nd electric contact ...:NC = Contact opens - NA = Contact closes
0 = With permanent magnets
4 = Independent contacts (4-wire electric contact) r
L = Liquid filled

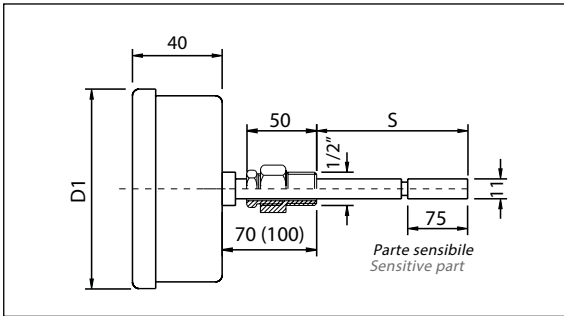
## Features

Materials	
Case and ring	AISI 304 stainless steel with bayonet clutch
Window	Glass 3 mm thick
Dial	White aluminium with black scale and graduation
Pointer	Black anodized aluminium; zero adjustment
Movement	AISI 304 stainless steel
Connection	AISI 316L bulb - Cylindrical DN 11 length 100 mm (longer on request) with stainless steel pocket size 1/2
Temperature element	Inert gas system

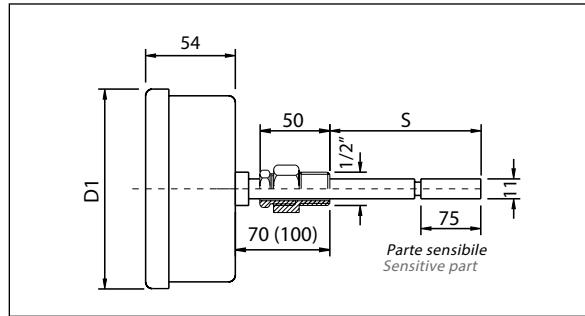
Technical features	
Design	EN 13190
Temperature limits	Ambient: -30 ... +65 °C Medium: as per scale indication Storage: -30 ... +65 °C
Temperature limits	As per scale indication
Accuracy class	cl. 1,0
Degree of protection	IP 55
Individual weight:	
TMP-80	0.30 Kg
TMP-100	0.40 Kg
TMP-150	0.70 Kg

## Overall dimensions (mm)

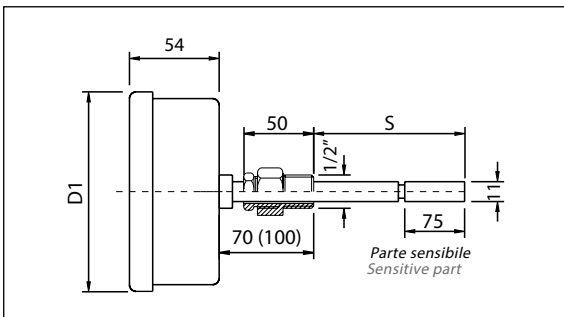
### TMP-80



### TMP-100



### TMP-150



## Specification text

All stainless steel inert gas thermometers **Series TMP**, for food and pharmaceutical industries. All stainless steel DN 80-100-150 **back connection** rigid stem. Measures range from 0-60 a 500 °C / -30+50 °C / -20+80 °C. Complete with inox pocket G1/2" Temperature limits as per scale indication. Accuracy class cl. 1.0. **Compliant with EN 13190**

The descriptions and photographs contained in this product specification sheet are supplied by way of information only and are not binding.

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**Watts Industries Italia S.r.l.**

Via Brenno, 21 • 20853 Biassono (MB) • Italy

Tel. +39 039 4986.1

[infowattsitalia@wattswater.com](mailto:infowattsitalia@wattswater.com) • [www.watts.eu](http://www.watts.eu)